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DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

High Compression Ratio, High Power Density Homogeneous Charge Compression Ignition Engines Using Hydrogen and Carbon Monoxide to Enhance Auto-Ignition Resistance

the specification of which (I authorize Choate, Hall & Stewart to check one of the following three choices, and fill in the blanks, if applicable):

_____ is attached hereto

 X was filed on 1/12/04 as Application Serial No. 10/755,541 and amended on _____ (if applicable).

_____ was filed as PCT international application No. _____,
on _____ and was amended under PCT Article 19
on _____ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledged the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Priority Claimed

| (Number) | (Country) | (Day/Month/Year/Filed) | Yes | No |
|----------|-----------|------------------------|-----|----|
|----------|-----------|------------------------|-----|----|

| | | | | |
|----------|-----------|------------------------|-----|----|
| (Number) | (Country) | (Day/Month/Year/Filed) | Yes | No |
|----------|-----------|------------------------|-----|----|

(Application Serial No.) (filing date) (status-patented, pending, abandoned)

| (PCT Appl. No.) | (U.S.S.N.) | (status-patented, pending, abandoned) |
|-----------------|------------|---------------------------------------|
| | | |

Provisional Application(s):

| (Application Serial No.) | (filing date) | (status) |
|--------------------------|---------------|----------|
|--------------------------|---------------|----------|

Attorney Docket No.: 0492611-0534

8.

Full name of first inventor John Heywood

Inventor's signature John Heywood Date: 5/13/04

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Citizenship USA

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Full name of second inventor Leslie Bromberg

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Full name of third inventor Daniel Cohn

Inventor's signature _____ Date: _____

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Full name of first inventor John Heywood

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